mttqvpphsv qvhtttthry eagvvppgar fetsyeagvk aasiyhserg
pttsqvlavl aglpvggill llagltlagt ltglavatpl fvlfspvlvp
atvaiglava gfltsgafgl talssfswil nyiretqpas enlaaaakhh
laeaaeyvgq ktkevgqktk evgqdiqska qdtreaaard areaaardar
eaaardakve ardvkrttvt attata

FIG. 1

mttvpphsvq vhttthryea gvvpparfea pryeagikap ssiyhsergp
ttsqvlavva glpvggilll lagltlagtl tglvvatplf iifspvlipa
tvaiglavag fltsgvfglt alssfswiln yiretqpase nlaaaakhhl
aeaaeyvgqk tkevgqktke vgqdiqskaq dtreaaarda rdareaaard
ardakveard vkrttvtatt ata

FIG. 2

MADRDRSGIYGGGAYGQQQGRPPMGEQVKGMIHDKGPTASQALTVATLFPLGGLLLVLSG
LALAASTVGLAVATPVFLLFSPVLVPAALLIGTAVAGFLTSGALGLGGLSSLTCLANTAR
QAFQRTPDYVEEARRRMAEAAAHAGHKTAQAGHGIQSKAQEAGAGTGAGGGRTSS

FIG. 3

MADHHRGATGGGGGYGDLQRGGGMHGEAQQQQKQGAMMTALKAATAATFGGSMLVLSGLI
LAGTVIALTVATPVLVIFSPVLVPAAIALALMAAGFVTSGGLGVAALSVFSWMYKYLTGK
HPPAADQLDHAKARLASKARDVKDAAQHRIDQAQGS

FIG. 4

MADRDRSGIYGGAHATYGQQQQQGGGGRPMGEQVKKGMLHDKGPTASQALTVATLFPLGG
LLLVLSGLALTASVVGLAVATPVFLIFSPVLVPAALLIGTAVMGFLTSGALGLGGLSSLT
CLANTARQAFQRTPDYVEEARRRMAEAAAQAGHKTAQAGQAIQGRAQEAGTGGGAGAGAG
GGGRASS

FIG. 5

MATTTYDRHHVTTTQPQYRHDQHTGDRLTHPQRHEQGPSTGKIMVIMALLPITGILFGLA
GITSSDGYRASLATPLFVIFSPVIVPAMIAIGLAVTGFLTSGTFGLTGLSSLSYLFNMVR
RSTMSVPDQMDYVKGKLQDVGEYTGQKTKDLGQKIQHTAHEMGDQGQGQGQGGGKEGRKE
GGK

FIG. 6

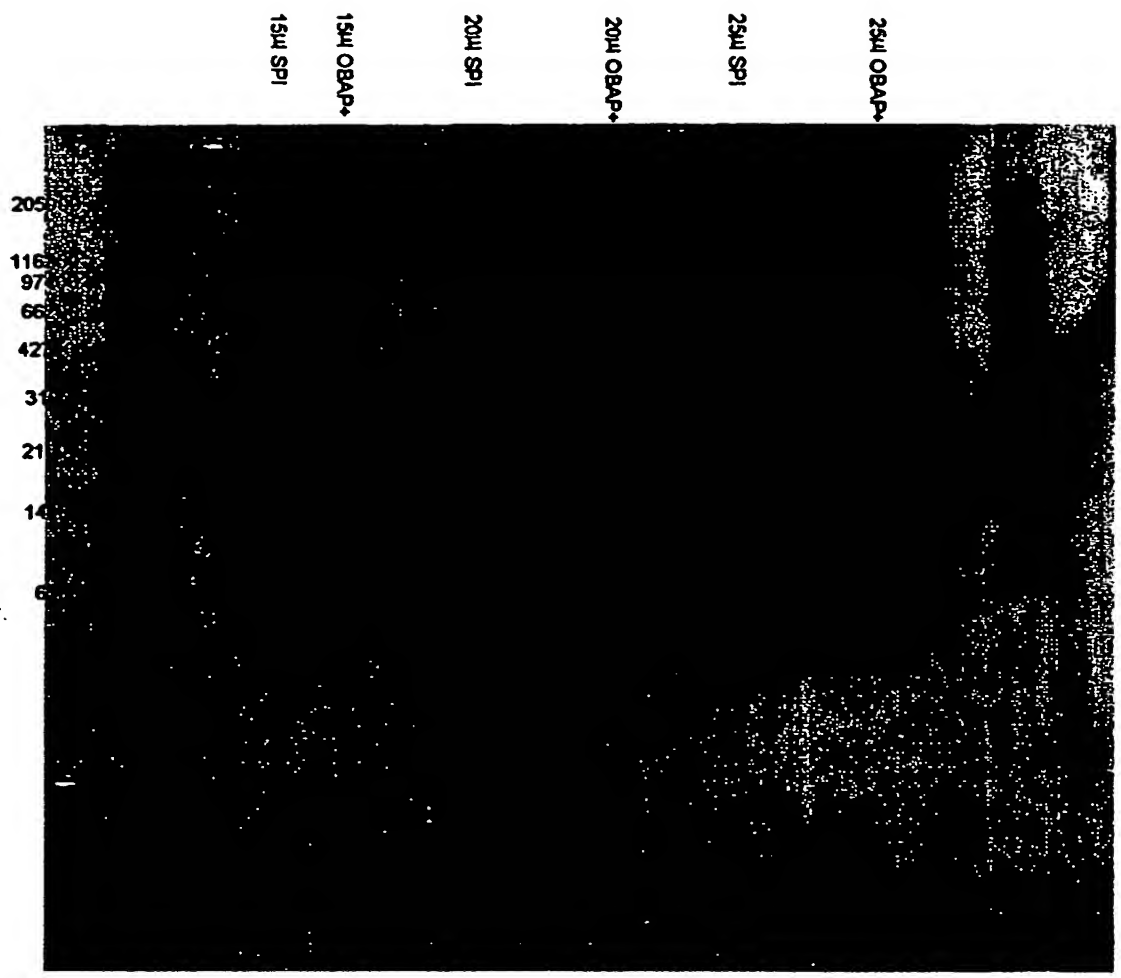

FIG. 7

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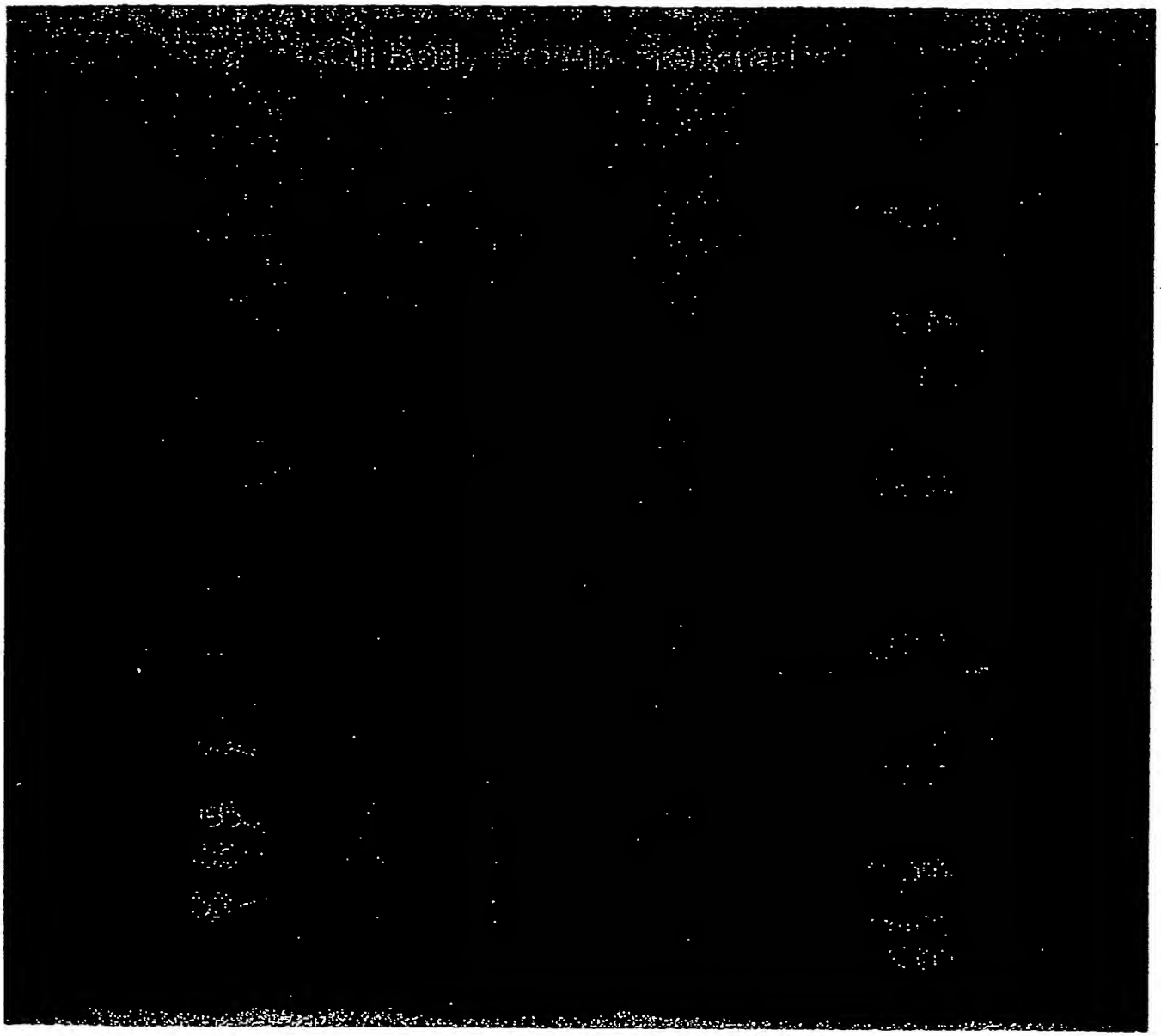

FIG. 8

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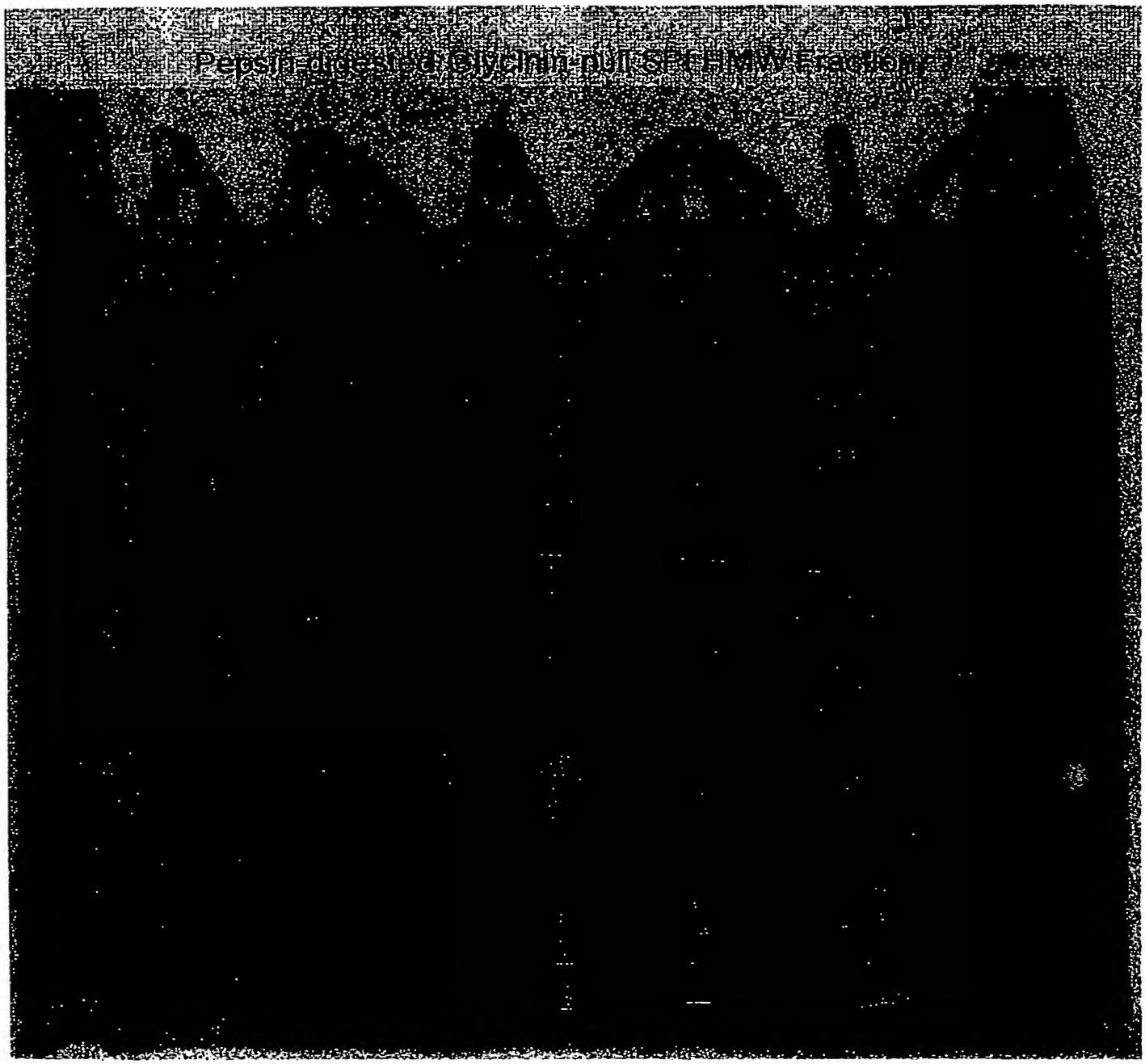

FIG. 9

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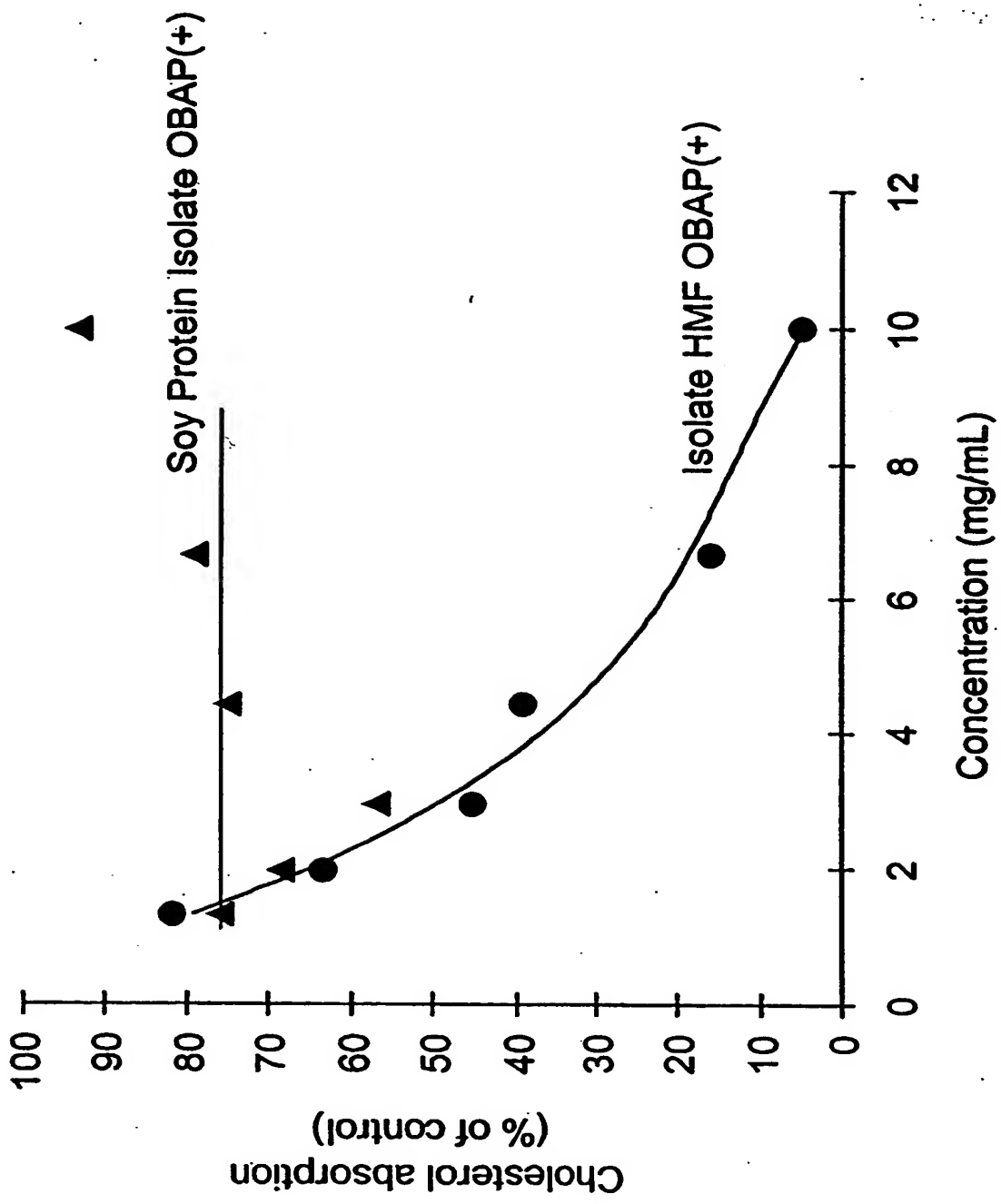

Soy Protein Isolate OBAP(+)
Isolate HMF OBAP(+)
Cholesterol absorption
(% of control)
100
90
80
70
60
50
40
30
20
10
0
0
2
4
6
8
10
12
Concentration (mg/mL)

FIG. 10

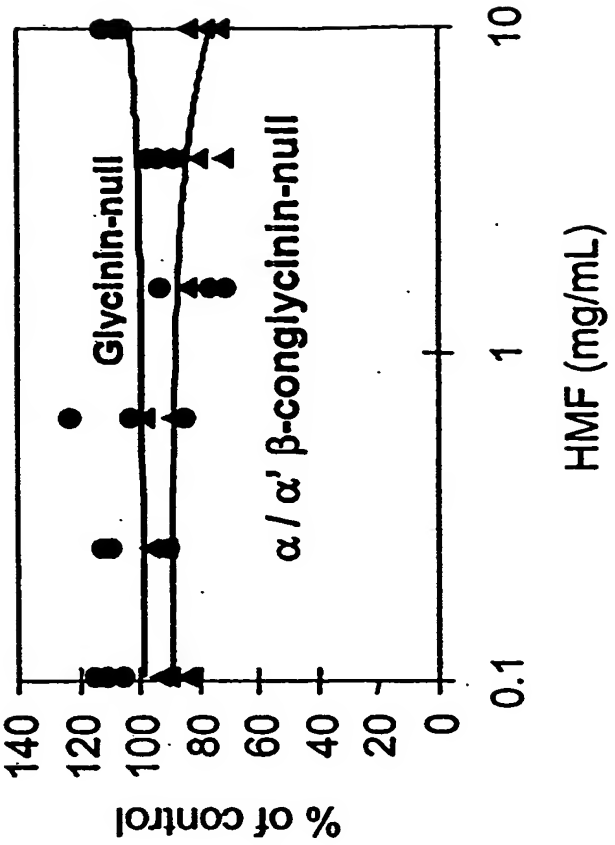
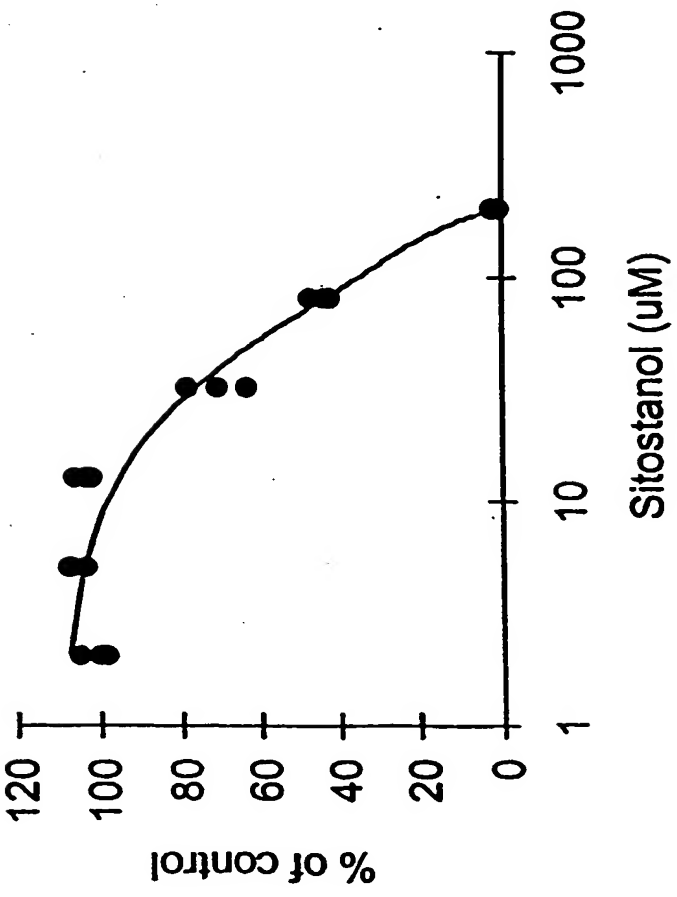

Glycinin-null
α / α' β-conglycinin-null
HMF (mg/mL)
10
1
0.1
140
120
100
80
60
40
20
0
% of control

FIG. 11


Sitostanol (uM)
1000
100
10
1
120
100
80
60
40
20
0
% of control

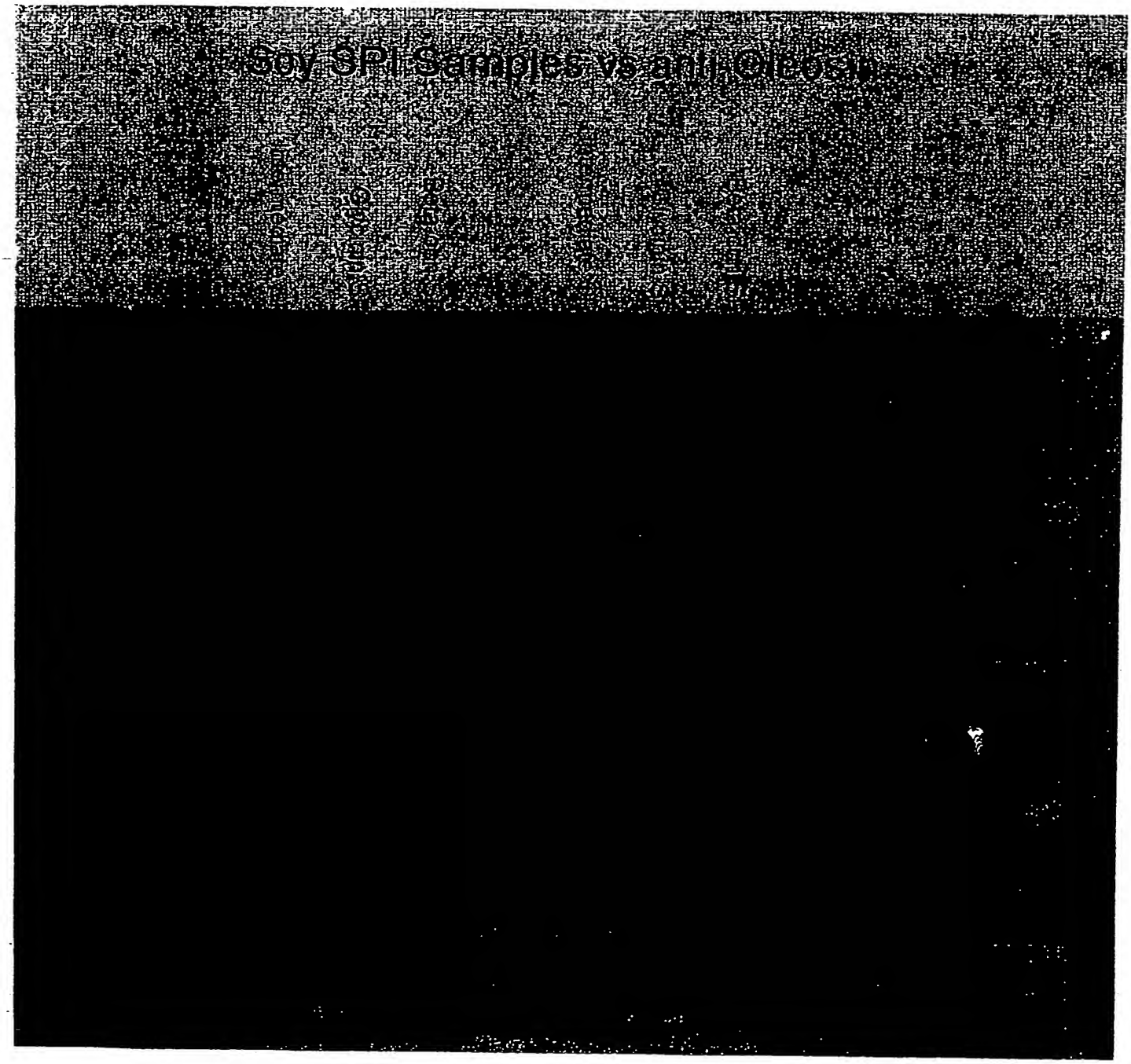


FIG. 12

BEST AVAILABLE COPY

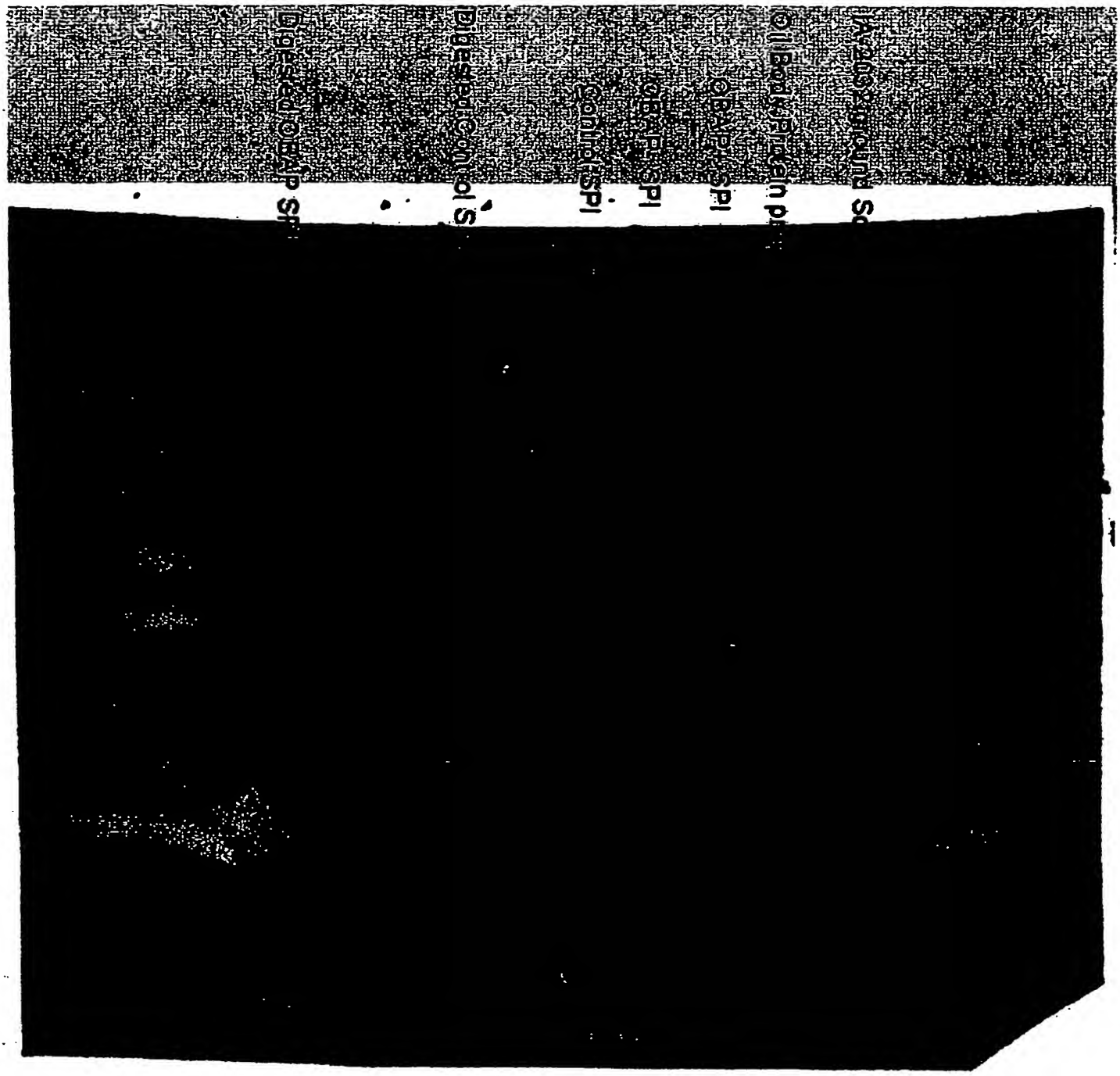


FIG. 13

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